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(54) ALVEOLAR BONE RESORPTION INHIBITOR

(57) Abstract:

PURPOSE: To obtain an alveolar bone resorption inhibitor comprising calcium pantoate and an alveolar bone resorption inhibitor comprising pantothenic acid or its salt and a soluble calcium salt.

CONSTITUTION: This inhibitor contains calcium pantoate, or a combination of pantothenic acid or its salt and a soluble calcium salt as active ingredients. The amount of the acid and the salt is 0.001-30wt.% in the

inhibitor comprising pantothenic acid or its salt and a soluble calcium salt, and 0.001-20wt.%, when the pantoate is singly used. The inhibitor has an action to inhibit alveolar bone resorption caused by the endotoxin of bacteria such as Porphyromonas gingivalis or Actinobacillus actinomycetemcomitans, a major cause of the periodontal diseases, thus is effective in prophylaxis and treatment of periodontal diseases. It can be prepared in the forms of oral cavity ointment, mouth wash, agent for periodontal pack, plaster, tooth paste or the like. The daily dose is 10g/adult.

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